

a¹
encl.

segments in the Tables, marked with dashed lines extending on both sides of each number and delimited by arrowheads pointing in opposite directions.--

Page 17, lines 1-13, please delete in their entirety,
and

line 14, change "7" to --6--.

Page 20, line 9, change "8" to --7--; and

line 21, change "9" to --8--.

Page 21, change "10" to --9--.

Page 22, after line 6, please insert

--Example 10:

Preparation of insulin from mini-proinsulin by combined use of trypsin and carboxypeptidase B

5 mg of mini-proinsulin are dissolved in 20 ml of 0.1 M of tris-HCl (pH 8.0) and the solution is warmed to 30°C. At the same time, 2.5 μ l of trypsin solution (1 U/ml) and 150 μ l of carboxypeptidase B solution (1 U/ml) are added. After 3 hours, the solution is adjusted to pH 3.5 and 2.5 μ l of trypsin inhibitor solution (1 U/ml) and 200 μ l of 10% strength $ZnCl_2$ solution are added. The human insulin is precipitated by adjusting to pH 6.8, centrifuged off and crystallized as in Example 5. The crystallized insulin has a purity > 95%.--

IN THE CLAIMS:

Please cancel claims 2-5 without prejudice or disclaimer of the subject matter thereof.

a²

LAW OFFICES

FINNEGAN, HENDERSON
FARABOW, GARRETT
& DUNNER

1300 I STREET, N. W.
WASHINGTON, DC 20005
1-202-408-4000